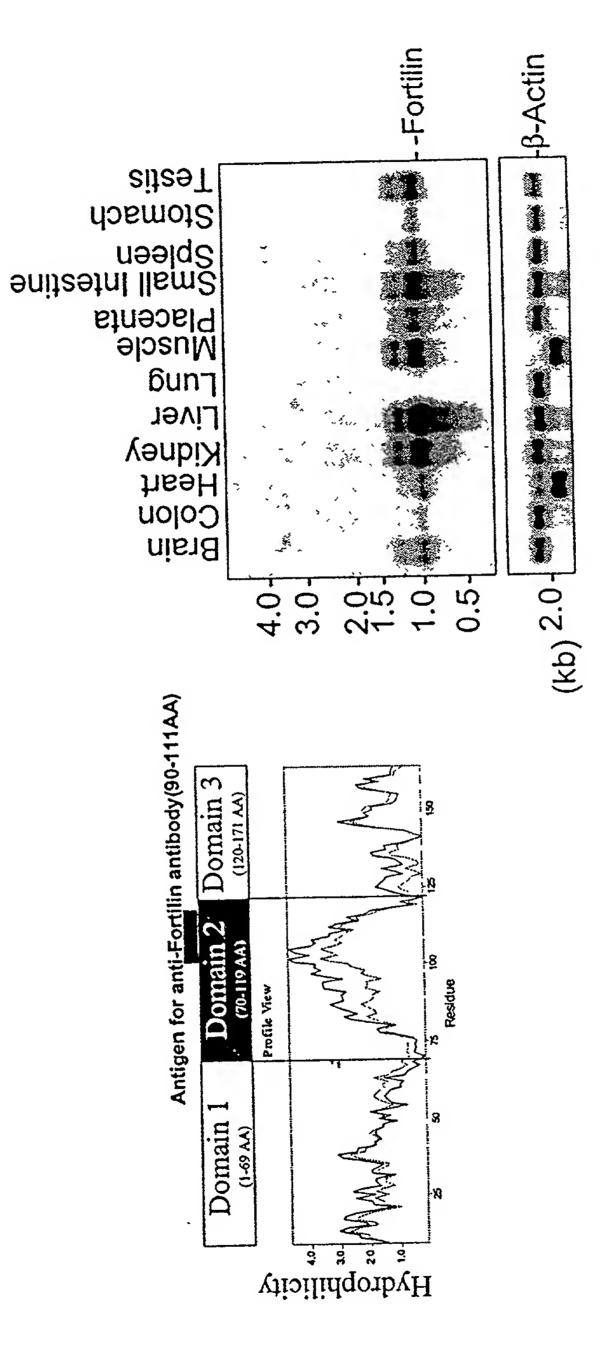
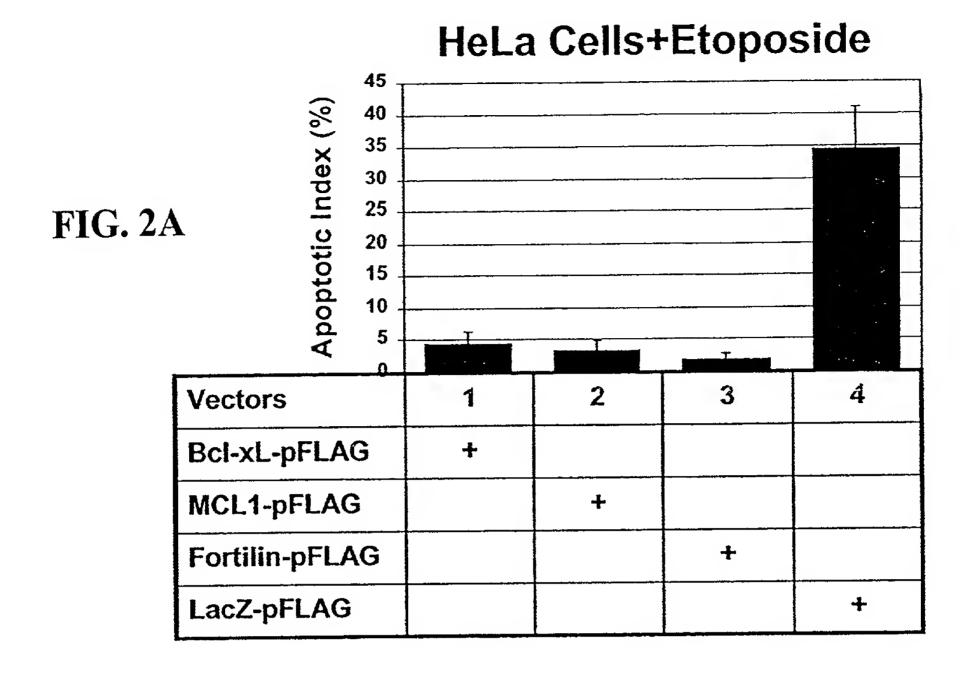
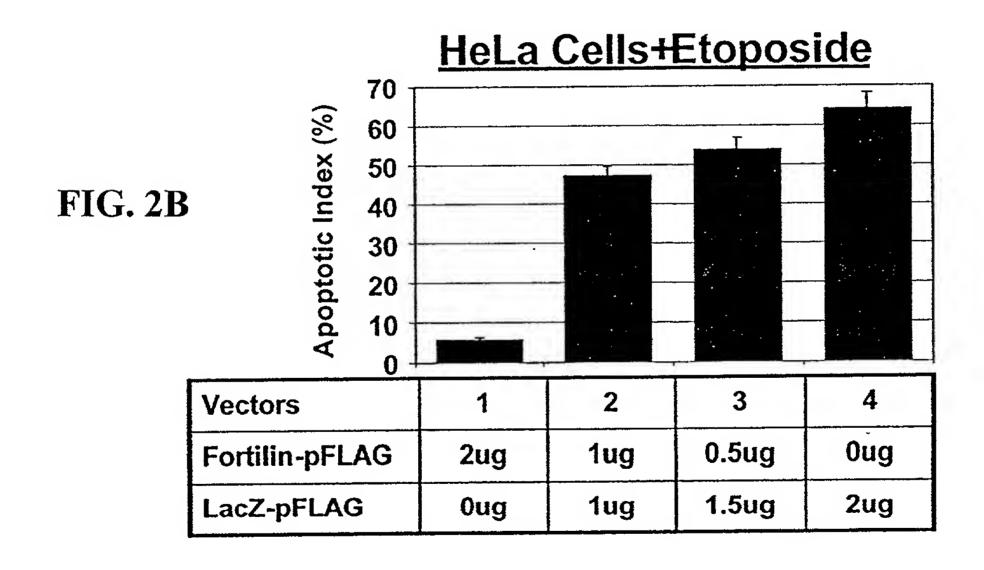
50 50 50 54 54 54 54	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	150 150 150 148 148	172 172 172 172 172 182 166
M : YRD L IS H D EM F S D : YK I R E I A D G L C L E V E G K M V S R T E G N I D D S L I G G M : YRD L I S H D E E F S D : YK I R E I A D G L C L E V E G K M V S R T E G A I D D S L I G G M I S Y R D L I S G D E M F S D : YK I R E M A M G L C L E V E G K M V R T E G A I D D S L I G G M K I Y K D L I S G D E M F A D T Y K M K - Y F D D Y I Y E V Y G K K K S G E I - Y L A G S M M I Y K D I S N D E E S D S F P K - Y F D D Y I Y E M G K H V V R K E G E I - Y L A G S M M I Y K D I S N D E E S D S F P Y R E I E M G L W Y E M C A M V N V G G D N I D I G A M M I Y C D D L M S Y C D E L S D S F P Y R E I E M G L W V E W C A M V N V G G D N I D I G A M M M I Y C D D L M S F P Y R E I E M G L W E V D G R W I V V G G A R D M D I G A M M M I Y C D D L M S F P Y R E I E M G L W E V D G R W I V V G G A R D M D I G A M M M M M M M M M M M M M M M M M M	NASAE-GP-EGEGTESTVITGVDIVMNHHLGETS-FTKEAYKKYIKDYMKSIK NASAE-GP-EGEGTESTVITGVDIVMNHHLGETS-FTKEAYKKYIKDYMKSIK NASAE-GP-EGEGTESTVITGVDIVMNHHLGETS-FTKEAYKKYIKDYMKKIK NASAE-GP-EGEGTEFTVITGVDIVMNHHLGETS-FTKESYKKYIKDYMKKIL NASAEE-GP-EGEGTEFTVITGVDIVMNHHLGETS-FTKESYKKYIKDYMKKIL NASAEE-GP-EGEGTEFTVITGVDIVMNHHLGETS-FTKESYKKYIKDYMKKIL NASAEE-GP-EGEGTEFTVITGVDIVMNHKLVEMNGYEDASM-FKAYIKFMKNYIK NASAE-GG-DDD-GGVDD-G-SWVNNYVHFRLGEQPPFDKKSFLTYIKGYMKAVIK NPSAE-GG-DDD-GGVDD-G-SWVNNYVHFRLGEQPPFDKKGFVTFMKRYIKNES	GKLEEGRPERVKPFMTGAAEGIKHILANFKNYGFYIGENMNPDGMVALLD GKLEEGRPERVKPFMTGAAEGIKHILANFKNYGFYIGENMNPDGMVALLD GKLEEGRPERVKPFMTGAAEGIKHILANFKNYGFYIGENMNPDGMVALLD AKLEEKSPDGVONFKTNWNNAMKDILGRFKELGFTIGESMDGDGMVALLD MAKLEEKSPDGVONFKKGGWYVSILLAKDRFKNLAFFIGERXAEGAENGGVA	1 YRE-DGV-TPYM 1 F F K D G L E M E K C (NP 003286) 1 YRE-DGV-TPFM 1 F F K D G L E M E K C (CAA12650) 1 YRE-DGV-TPFM 1 F F K D G L E M E K C (P 43347) 1 F R E - DGV-TPYM 6 F F K D G L E E E K C (P 43347) 1 YRE 1 N G D S V P V L R F F K H G L E E E K C (AE003690) 1 YRE 1 D G T E V P T M K H G E E K C (Z79754) 1 YKD-GAT-DPTFLYFSHGLKEVKC (P 35681)
Human Rabbit (98%) Mouse (95%) Chicke n (90%) D. melanoga ster (50%) C. e legans (40%) S. cere visia e (42%) Rice (35%)	Human Rabbit Mouse Chicken Chicken C. elegans S. cerevisiae Rice	Rabbit Rabbit Mouse Chicken Chicken Chicken Chicken S. cerevisiae S. cerevisiae Rice	Human : 151 Rabbit 151 Mouse 151 Chicken 151 D. melanogaster 149 C. elegans 158 S. cerevisiae 146 Rice 146

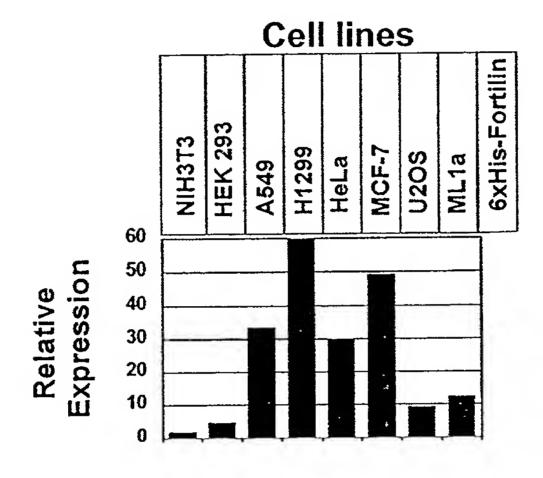
FIG. 1A



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FIG. 3

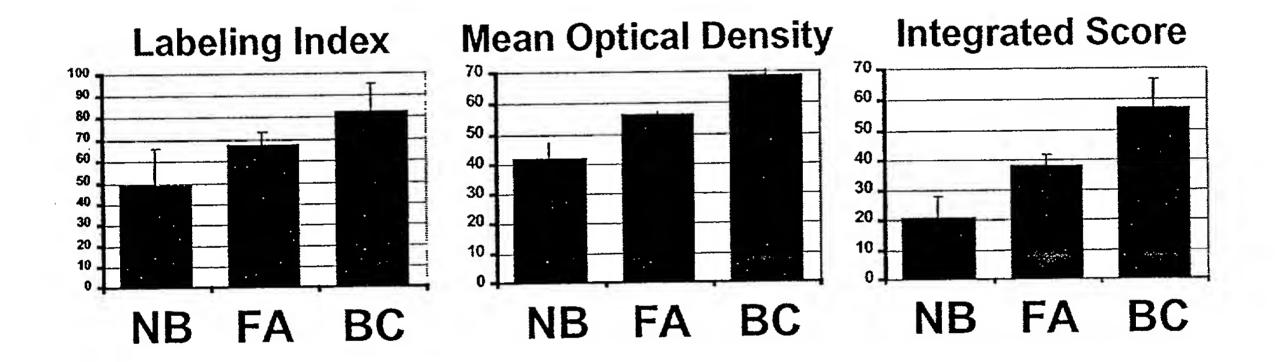


FIG. 4

7

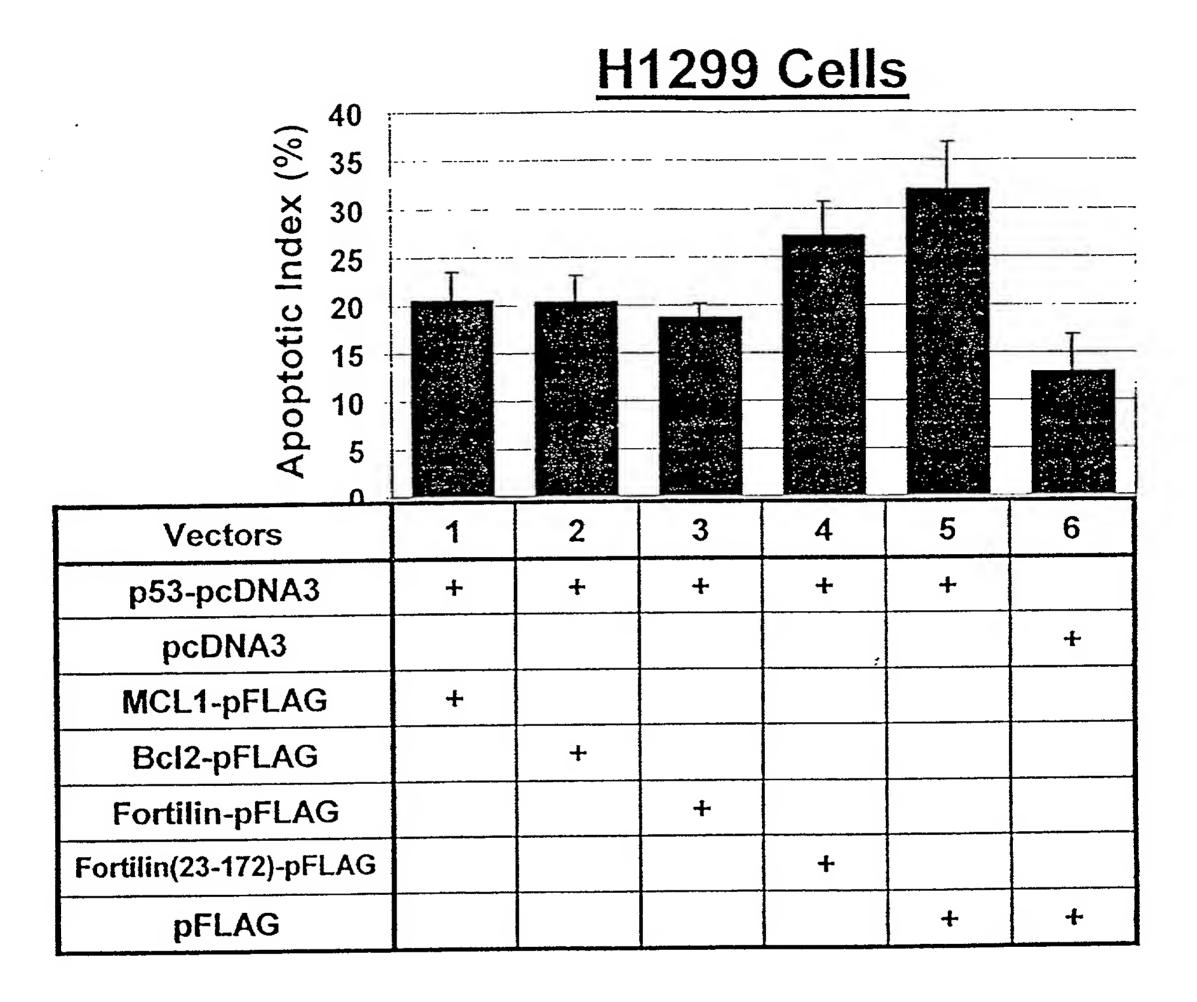
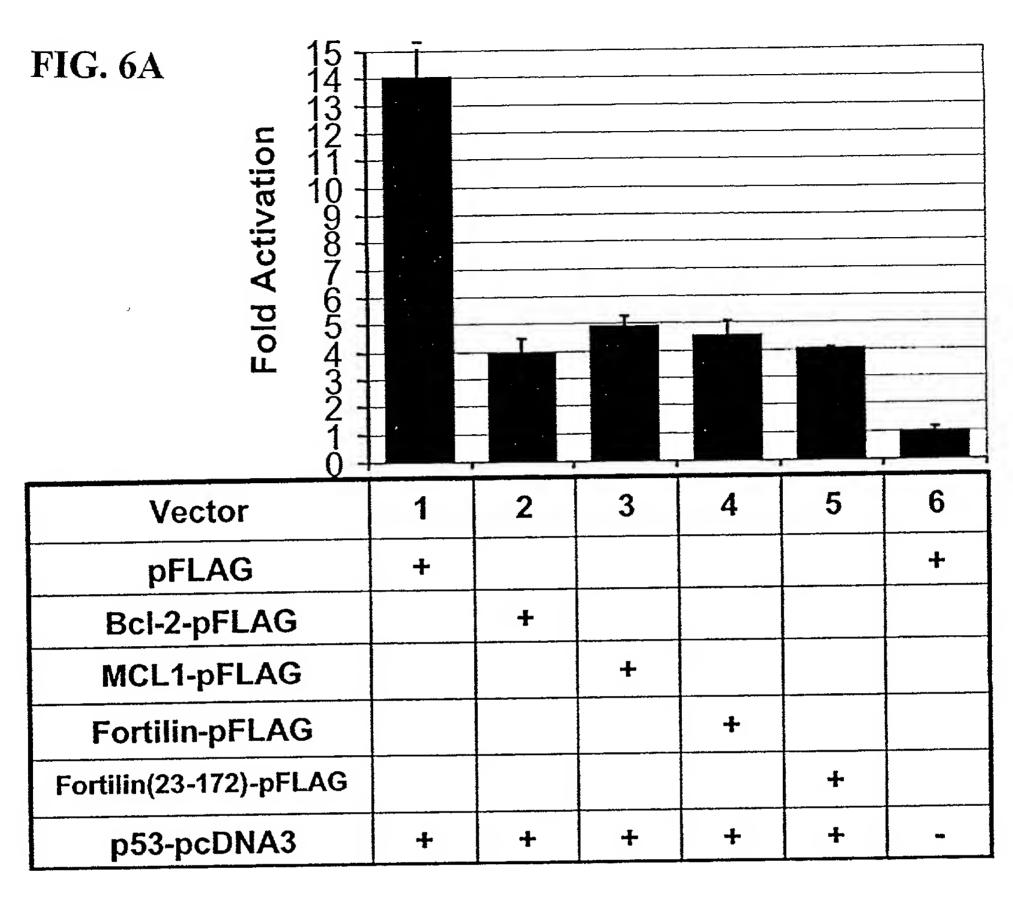
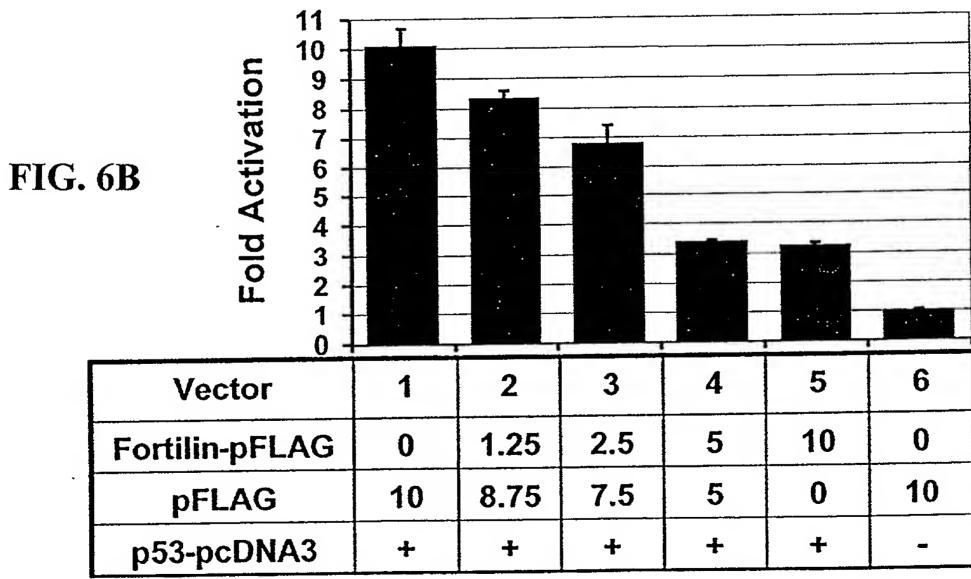
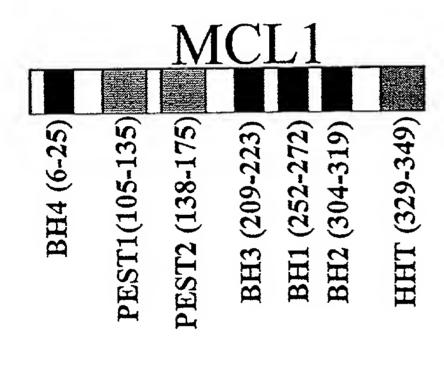


FIG. 5







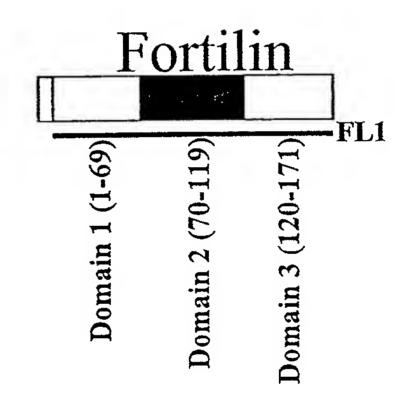
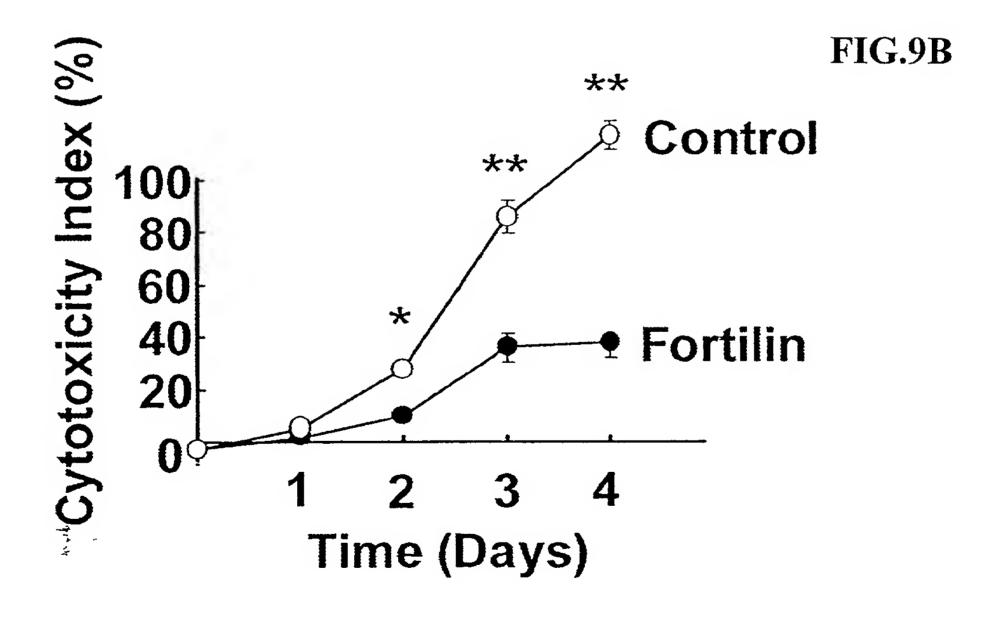
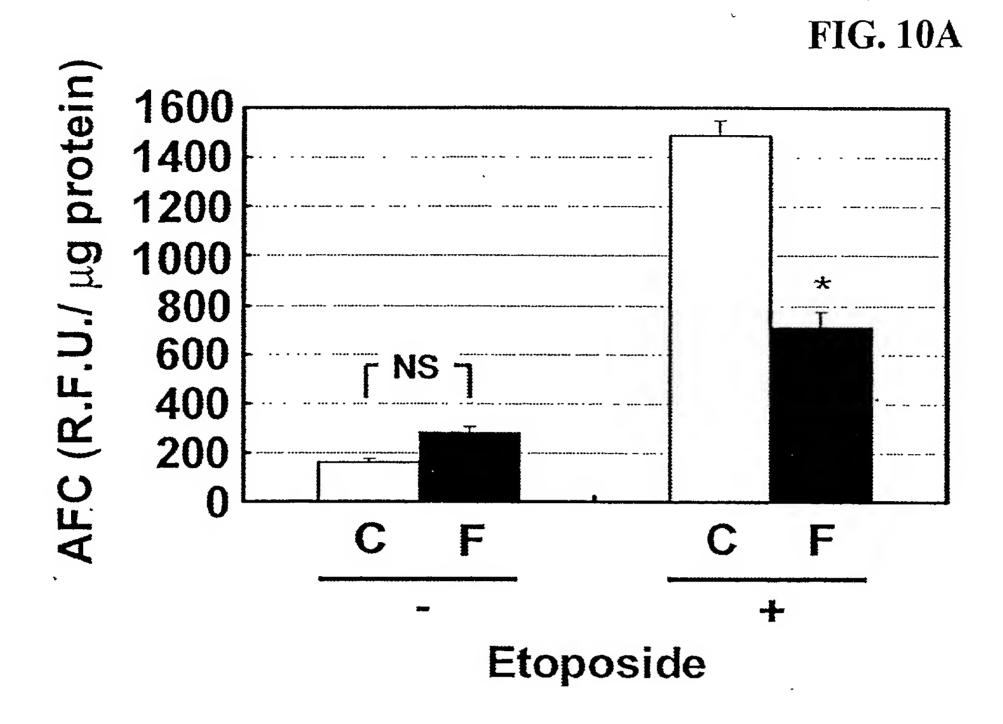
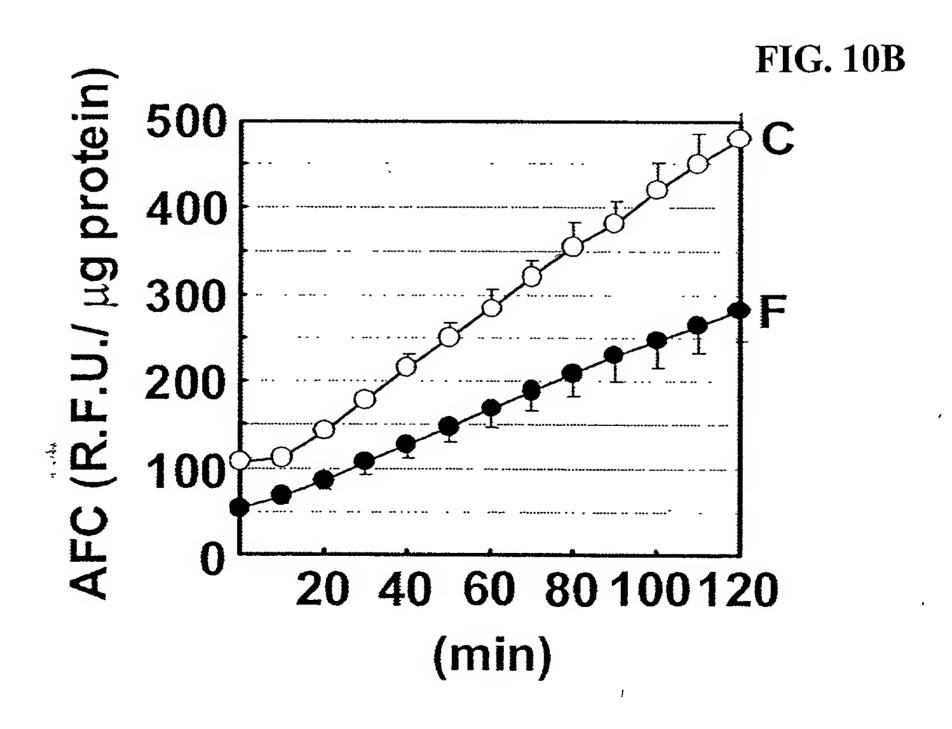


FIG. 7

FIG. 8







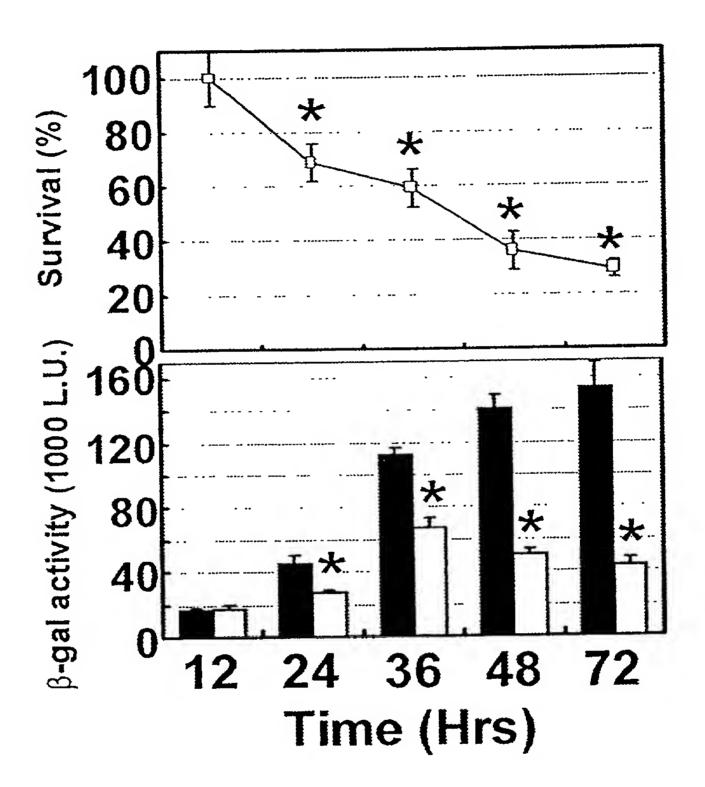


FIG. 11

FIG. 12

MCL1
Expression
Index
Fortilin
Expression
Index

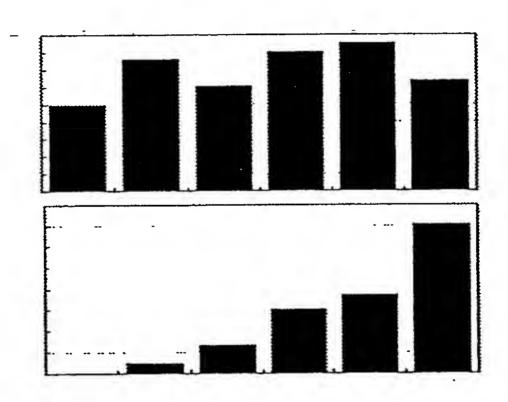


FIG. 13

MCL1 binding

Fortilin _{wild(1-172)}	+
Fortilin _{∆5-172}	+
Fortilin _{A23-172}	-
Fortilin _{Δ46-172}	=
(Empty plasmid)	-

FIG. 14

MCL1 Expression Index

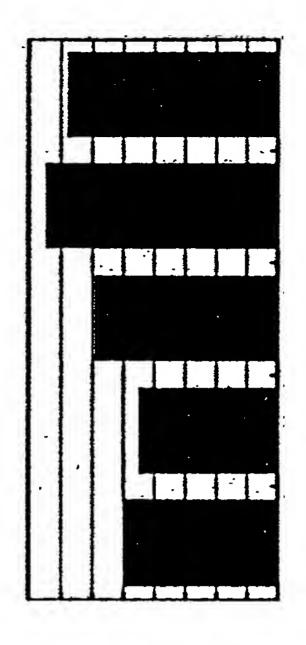


FIG. 15

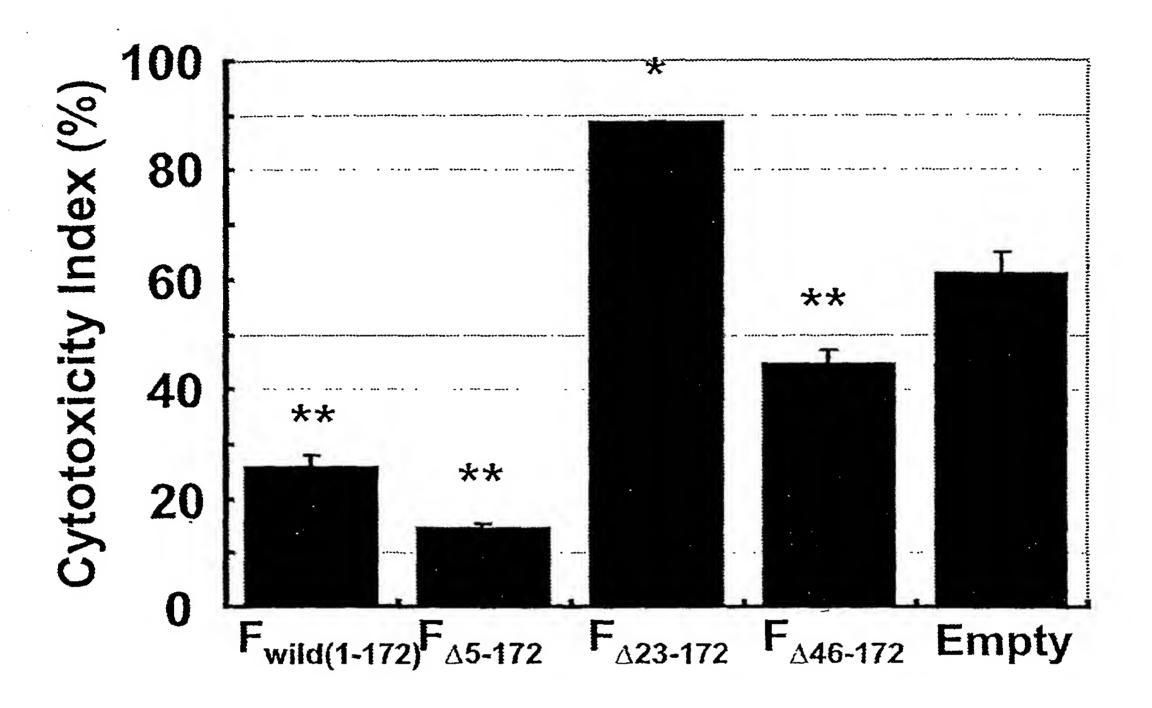


FIG. 16